

1 PROCESSING STRUCTURED/HIERARCHICAL CONTENT

2 ABSTRACT

3 Target subtree setting means sets a target subtree
4 relating to a content portion. Occurrence mode detecting
5 means collates a target subtree relating to a content with a
6 tree relating to each of past structured/hierarchical
7 contents and detects an occurrence mode of each node of the
8 target subtree. Statistical information generating means
9 generates statistical information concerning an occurrence
10 frequency of the occurrence mode of each node in the target
11 subtree. Classifying means classifies each node of the
12 target subtree based on the statistical information and a
13 result of detecting the occurrence mode. Matching pattern
14 generating means generates the matching pattern for the
15 target content portion based on the classification. The
16 structured/hierarchical contents are identified by use of
17 the matching pattern.